

**IN THE CLAIMS**

The following list, if entered, replaces all prior versions of the claims.

1. **(Currently Amended)** A computer implemented method for generating forecast information corresponding to an organization, comprising:
  - creating a forecast series, using the computer, wherein
    - ~~the creating~~ the forecast series comprises a set of parameters that define attributes of forecasts that are based thereon;
  - identifying opportunity data corresponding to members of the organization, wherein the members of the organization are associated with positions in a hierarchy structure of the organization, wherein the hierarchy structure comprises a plurality of management levels;
  - associating revenue data with identified opportunity data to create at least one revenue schedule containing a plurality of entries;
  - providing, using the computer, a plurality of visual adjustment patterns in graphical shapes displaying a corresponding plurality of member-selectable adjustment values, wherein
    - selection of a visual adjustment pattern by a member of the organization results in an automatic application of the corresponding member-selected adjustment value to a member-selected entry in a revenue schedule, in a manner depicted by a shape of the selected visual adjustment pattern;
  - calculating, using the computer, forecast data associated with the forecast series and corresponding to the members of the organization using the identified opportunity data and said at least one revenue schedule;
  - defining visibility rules that specify the forecast data corresponding to the members of the organization that are visible to a first member of the organization having at least one subordinate member, wherein the visibility rules are defined according to the position of the first member in the hierarchy; and
  - generating a forecast for the first member of the organization using the set of parameters in the forecast series and based on a forecast submitted by said at least one

subordinate member who is required to provide corresponding subordinate member-level forecast to said first member, wherein the data used for said generating the forecast for the first member is limited to forecast data corresponding to the members of the organization according to the visibility rules, a forecast for said at least one subordinate member is automatically generated when said at least one subordinate member fails to submit a forecast prior to generation of the forecast for the first member, the first member of the organization is a manager, and the visibility rules include a maximum hierarchy depth search value  $n$  defining a search scope such that the forecast for the manager is generated from the manager's own forecast data and from forecast data corresponding to members of the organization who are defined to be both subordinate to the manager and occupy a management level in the hierarchy that is  $\leq n$  levels below a management level occupied by the manager.

2. (Previously Presented) The method of claim 1, further comprising:  
defining visibility rules that specify the forecast data that are visible to each management level of the organization; and  
enabling a forecast to be generated for any management level of the organization,  
wherein each forecast that is generated is based on forecast data that are visible to the management level for which that forecast corresponds as specified by the visibility rules.
3. (Cancelled)
4. (Cancelled)
5. (Previously Presented) The method of claim 1, wherein the forecast series comprises parameters that define the visibility rules for forecasts that are based on the forecast series.

6. (Previously Presented) The method of claim 34, further comprising:  
enabling the first member to submit the forecast to a superior in the hierarchy structure,  
wherein said submitting by the first member comprises associating the submitted  
forecast state with the forecast to be submitted to the superior; and  
preventing the first member from modifying the forecast after it has been submitted.
7. (Previously Presented) The method of claim 34, further comprising:  
enabling the superior or a system administrator to unsubmit a forecast such that the  
member who submitted that forecast is enabled to modify the forecast, wherein  
said unsubmitting comprises associating one of the created forecast state and the  
included forecast state with the forecast.
8. (Original) The method of claim 1, further comprising presenting forecast data in  
a graphical format that enables a member to compare forecast data corresponding to related  
forecasts over time that are specified to be visible to that member.
- 9 - 13. (Cancelled)
14. (Currently Amended) A computer implemented method for generating and  
presenting forecast information, comprising:  
creating a forecast series, using the computer, wherein  
~~the creating~~ the forecast series comprises a set of parameters that define attributes of  
forecasts that are based thereon;  
identifying opportunity data corresponding to the members of an organization, wherein  
the members of the organization are associated with positions in a hierarchy  
structure of the organization, and  
the hierarchy structure comprises a plurality of management levels;  
associating revenue data with identified opportunity data to create at least one revenue  
schedule containing a plurality of entries;  
providing, using the computer, a plurality of visual adjustment patterns in graphical  
shapes displaying a corresponding plurality of member-selectable adjustment  
values, wherein selection of a visual adjustment pattern by a member of the

organization results in an automatic application of the corresponding member-selected adjustment value to a member-selected entry in a revenue schedule, in a manner depicted by a shape of the selected visual adjustment pattern;

calculating, using the computer, forecast data associated with the forecast series and corresponding to the members of the organization using the identified opportunity data and said at least one revenue schedule;

determining an identity of a current forecast participant who is a member of the organization;

identifying subordinate members of the organization who are subordinate to the current forecast participant based on the hierarchy structure and who are required to provide corresponding subordinate member-level forecast data to the current forecast participant;

presenting forecast data to the current forecast participant, wherein the forecast data specific to each of the one or more subordinate members is viewable by the current forecast participant; and

when the current forecast participant is a manager, generating a forecast for the current forecast participant using the set of parameters in the forecast series and based on forecasts that are submitted by one or more selected subordinate members, wherein

a forecast for any selected subordinate member is automatically generated when said selected subordinate member fails to submit a forecast prior to generation of the forecast for the manager,

a forecast for the manager is generated based on a combination of forecasts submitted by said selected subordinate members and automatically generated forecasts, and

the manager occupies at least a second level of management in the organization's hierarchy and automatically calculating forecasts for said one or more selected subordinate members who have not submitted their forecast is applied in a recursive manner from lower levels to higher levels in the organization's hierarchy.

15. (Cancelled)

16. (Cancelled)

17. **(Currently Amended)** A machine-readable storage medium on which a plurality of computer-executable instructions are stored that, when executed by a computer, generate forecast information corresponding to an organization, by performing the operations of:

- creating a forecast series, using the computer, wherein  
~~the creating~~ the forecast series comprises a set of parameters that define attributes of forecasts that are based thereon;
- identifying hierarchy data, defining a hierarchy structure of the organization to be entered into the machine, and comprising hierarchical positions of members of the organization, wherein the hierarchy structure comprises a plurality of management levels;
- identifying opportunity data corresponding to the members of the organization to be input into the machine;
- associating revenue data with identified opportunity data to create at least one revenue schedule containing a plurality of entries;
- providing, using the computer, a plurality of visual adjustment patterns in graphical shapes displaying a corresponding plurality of member-selectable adjustment values, wherein selection of a visual adjustment pattern by a member of the organization results in an automatic application of the corresponding member-selected adjustment value to a member-selected entry in a revenue schedule in a manner depicted by a shape of the selected visual adjustment pattern;
- calculating, using the computer, forecast data associated with the forecast series and corresponding to the members of the organization using the identified opportunity data and said at least one revenue schedule;
- defining visibility rules that specify the forecast data corresponding to the members of the organization that are visible to a first member of the organization having at least one subordinate member, wherein the visibility rules are defined according to the hierarchy data; and
- generating a forecast for the first member of the organization using the set of parameters in the forecast series and based on a forecast submitted by said at least one

subordinate member who is required to provide corresponding subordinate member-level forecast to said first member, wherein the data used for said generating the forecast for the first member is limited to forecast data corresponding to members of the organization according to the visibility rules, a forecast for said at least one subordinate member is automatically generated when said at least one subordinate member fails to submit a forecast prior to generation of the forecast for the first member, and the first member of the organization is a manager and the visibility rules include a maximum hierarchy depth search value  $n$  defining a search scope such that the forecast for the manager is generated from the manager's own forecast data and from forecast data corresponding to members of the organization who are defined to be both subordinate to the manager and occupy a management level in the hierarchy that is  $\leq n$  levels below a management level occupied by the manager.

18. (Previously Presented) The machine-readable storage medium of claim 17, wherein execution of the machine instructions further performs the operations of: enabling visibility rules that specify the forecast data that are visible to each management level of the organization to be entered into a computer; and enabling a forecast to be generated for any management level of the organization, wherein each forecast that is generated is based on forecast data that are visible to the management level for which that forecast corresponds as specified by the visibility rules.

19. (Cancelled)

20. (Cancelled)

21. (Previously Presented) The machine-readable storage medium of claim 17, wherein the forecast series comprises parameters that define the visibility rules for forecasts that are based on the forecast series.

22. (Previously Presented) The machine-readable storage medium of claim 36, wherein execution of the machine instructions further performs the operations of:  
enabling the first member to submit the forecast to a superior in the hierarchy, wherein said submitting by the first member comprises associating the submitted forecast state with the forecast to be submitted to the superior; and  
preventing the first member from modifying the forecast after it has been submitted.

23. (Previously Presented) The machine-readable storage medium of claim 36, wherein execution of the machine instructions further perform the operation of enabling the superior or a system administrator to unsubmit a forecast such that the member who submitted that forecast is enabled to modify the forecast, wherein said unsubmitting comprises associating one of the created forecast state and the included forecast state with the forecast.

24. (Previously Presented) The machine-readable media of claim 17, wherein execution of the machine instructions further perform the operation of presenting forecast data in a graphical format that enables a member to compare forecast data corresponding to related forecasts over time that are specified to be visible to that member.

25 – 29. (Cancelled)

30. (Currently Amended) A machine-readable storage medium on which a plurality of computer-executable instructions are stored that, when executed by a computer, generate and presents forecast information corresponding to an organization, by performing the operations of:  
creating a forecast series, using the computer, wherein  
~~the creating~~ the forecast series comprises a set of parameters that define attributes of forecasts that are based thereon;  
identifying hierarchy data defining members of an organization and a hierarchical position of each member in a hierarchy structure comprising a plurality of management levels;  
identifying opportunity data corresponding to the members of the organization;  
associating revenue data with identified opportunity data to create at least one revenue schedule containing a plurality of entries;

providing, using the computer, a plurality of visual adjustment patterns in graphical shapes displaying a corresponding plurality of member-selectable adjustment values, wherein selection of a visual adjustment pattern by a member of the organization results in an automatic application of the corresponding member-selected adjustment value to a member-selected entry in a revenue schedule in a manner depicted by a shape of the selected visual adjustment pattern;

calculating, using the computer, forecast data associated with the forecast series and corresponding to the members of the organization using the identified opportunity data and said at least one revenue schedule;

determining an identity of a current forecast participant who is a member of the organization;

identifying subordinate members of the organization who are subordinate to the current forecast participant based on the hierarchy data and who are required to provide corresponding subordinate member-level forecast data to the current forecast participant;

presenting forecast data to the current forecast participant, wherein the forecast data specific to each of the one or more subordinate members is viewable by the current forecast participant; and

when the current forecast participant is a manager, generating a forecast for the current forecast participant using the set of parameters in the forecast series and based on forecasts that are submitted by one or more selected subordinate members, wherein

a forecast for any selected subordinate member is automatically generated when said selected subordinate member fails to submit a forecast prior to generation of the forecast for the manager,

a forecast for the manager is generated based on a combination of forecasts submitted by said selected subordinate members and automatically generated forecasts, and

the manager occupies at least a second level of management in the organization's hierarchy and automatically calculating forecasts for said one or more selected subordinate members who have not submitted their forecast is applied in a



recursive manner from lower levels to higher levels in the organization's hierarchy.

31-33. (Cancelled)

34. (Previously Presented) The method of claim 1, further comprising:  
associating a state with the forecast for the first member, wherein the state comprises one of the following:  
a created forecast state,  
an included forecast state, if the forecast is included in data of a forecast of another,  
a submitted forecast state, if the forecast is submitted by the first member of the organization, and  
an included-as-submitted forecast state, if the forecast is submitted by the first member of the organization and included in data of a forecast of another;  
modifying states associated with each forecast data corresponding to members of the organization to one of  
the included forecast state, if the forecast data does not currently have the submitted forecast state, and  
the included-as-submitted forecast state, if the forecast data does currently have the submitted forecast state; and  
enabling the first member to modify the forecast data corresponding to the members of the organization, if the forecast data does not have an associated included-as-submitted forecast state.

35. (Previously Presented) The method of claim 14, further comprising:  
associating a state with the forecast data specific to each of the one or more subordinate members, wherein the state comprises one of  
a created forecast state,  
an included forecast state, if the forecast is included in data of a forecast of another,

a submitted forecast state, if the forecast is submitted by the member of the organization associated with the forecast, and  
an included-as-submitted forecast state, if the forecast is submitted by the member of the organization associated with the forecast and included in data of a forecast of another; and  
enabling the current forecast participant to modify the forecast data based on the revenue data and opportunity data of the one or more subordinate members, if the forecast data does not have an associated submitted state or included-as-submitted state.

36. (Previously Presented) The machine-readable storage medium of claim 17, wherein execution of the machine instructions further performs the operations of: associating a state with the forecast for the first member, wherein the state comprises one of the following:  
a created forecast state,  
an included forecast state, if the forecast is included in data of a forecast of another,  
a submitted forecast state, if the forecast is submitted by the member of the organization associated with the forecast, and  
an included-as-submitted forecast state, if the forecast is submitted by the member of the organization associated with the forecast and included in data of a forecast of another;  
modifying states associated with each forecast data corresponding to members of the organization to one of  
the included forecast state, if the forecast data does not currently have the submitted forecast state, and  
the included-as-submitted forecast state, if the forecast data does currently have the submitted forecast state; and  
enabling the first member to modify the forecast data corresponding to the members of the organization, if the forecast data does not have an associated included-as-submitted forecast state.

37. (Previously Presented) The machine-readable storage medium of claim 30, wherein execution of the machine instructions further performs the operations of: associating a state with the forecast data specific to each of the one or more subordinate members, wherein the state comprises one of

- a created forecast state,
- an included forecast state, if the forecast is included in data of a forecast of another,
- a submitted forecast state, if the forecast is submitted by the member of the organization associated with the forecast, and
- an included-as-submitted forecast state, if the forecast is submitted by the member of the organization associated with the forecast and included in data of a forecast of another; and

enabling the current forecast participant to modify the forecast data based on the revenue data or opportunity data of the one or more subordinate members, if the forecast data does not have an associated submitted state or included as submitted state.